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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/927,103	08/10/2001	Michael Priestley	CA920010055US1	3897
24852	7590	12/08/2004	EXAMINER	
INTERNATIONAL BUSINESS MACHINES CORP IP LAW 555 BAILEY AVENUE , J46/G4 SAN JOSE, CA 95141			ABEL JALIL, NEVEEN	
			ART UNIT	PAPER NUMBER
			2165	

DATE MAILED: 12/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/927,103

Applicant(s)

PRIESTLEY, MICHAEL

Examiner

Neveen Abel-Jalil

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 August 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 7/3, 8-10, 14/10, 15-17, and 21/17 is/are rejected.
- 7) ☒ Claim(s) 4-6, 7/5, 11-13, 14/12, 18-20, and 21/19 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### Remarks

1. The amendment filed on August 23, 2004 has been received and entered. Claims 1-21 are pending.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-3, 7/3, 8-10, 14/10, 15-17, and 21/17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Selvin et al. (U.S. Patent No. 6,718,329 B1) in view of Parupudi et al. (U.S. Patent No. 6,750,883 B1).

As to claims 1, 8, and 15, Selvin et al. discloses a computer program product for use in a computer system operatively coupled to a computer readable memory, the computer program product including a computer-readable data storage medium tangibly embodying computer readable program code for directing said computer to create and manage links amongst units of information based on a list of identifiers arranged in an hierarchical order wherein each identifier identifies an associated unit of information (See Selvin et al. column 3, lines 7-50, also see Selvin et al. figure 6, step 602), said computer program product comprising:

code for instructing said computer system to examine said list of identifiers to determine the hierarchical order of said identifiers within said list of identifiers (See Selvin et al. column 11, lines 41-67);

code for instructing said computer system to link a unit of information to at least one other unit of information based on the relative hierarchical order of identifiers (See Selvin et al. column 3, lines 7-50) including:

an identifier identifying said unit of information (See Selvin et al. column 4, lines 20-57, and see Selvin et al. column 9, lines 1-45); and

another identifier identifying said at least one other unit of information (See Selvin et al. column 9, lines 1-46).

Selvin et al. does not teach code for instructing said computer system to store said list of identifiers, wherein said list of identifiers has a user determined relative hierarchical order to direct said link management system in the creation of said links.

Parupudi et al. teaches code for instructing said computer system to store said list of identifiers, wherein said list of identifiers has a user determined relative hierarchical order to direct said link management system in the creation of said links (See Parupudi et al. column 14, lines 3-45).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Selvin et al. to include code for instructing said computer system to store said list of identifiers, wherein said list of identifiers has a user determined relative hierarchical order to direct said link management system in the creation of said links.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Selvin et al. by the teaching of Parupudi et al. to include code for instructing said computer system to store said list of identifiers, wherein said list of identifiers has a user determined relative hierarchical order to direct said link management system in the creation of said links because it provides means to modulate the information that is provided for various applications (See Parupudi et al. column 3, lines 1-21).

As to claims 2, 9, and 16, Selvin et al. as modified discloses wherein:

said units of information are units of target information; each said identifier of said list of identifiers is adapted to identify source information content of a unit of source information (See Selvin et al. column 9, lines 1-46); the system further comprises:

means for generating said units of target information (See Selvin et al. column 11, lines 1-16, also see Selvin et al. column 12, lines 40-65);

means for examining said list of identifiers to identify said source information content assigned to a unit of target information (See Selvin et al. column 11, lines 46-67, also see Parupudi et al. column 14, lines 3-45); and

means for inserting said source information content into a unit of target information (See Selvin et al. column 11, lines 46-67) based on the identifier of said unit of target information identifying said source information content (See Selvin et al. column 8, lines 25-59).

As to claims 3, 10, and 17, Selvin et al. as modified discloses wherein a plurality of source information content is assigned to a unit of target information (See Selvin et al. column 6, lines 10-60).

As to claims 7/3, 14/10, and 21/17, Selvin et al. as modified discloses wherein said identifiers of said list are data tags of a markup language (See Selvin et al. column 4, lines 19-34, and see Selvin et al. column 4, lines 58-67).

***Allowable Subject Matter***

4. Claims 4-6, 7/5, 11-13, 14/12, 18-20, and 21/19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record (Blumer et al. -U.S. Patent No. 6,189,019 - and - Astiz et al. -U.S. Patent No. 6,035,330 – and - Selvin et al. -U.S. Patent No. 6,718,3298 B1-and Parupudi et al. (U.S. Patent No. 6,750,883 B1) do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim), an identifier of said first subset for identifying said unit of target information; at least one other identifier of said first subset for identifying said at least one other unit of target information; means for generating said units of target information; and means for inserting at least one source information content into a unit of target

information based on an identifier of said second subset identifying said at least one source information content, as claimed in claims 4, 11, and 18.

Claims 5-6, 7/5, 12-13, 14/12, 19-20, and 21/19 are objected as allowable over the prior art made of record, because it is dependent from the object to as allowable dependent claims 4, 11, and 18 respectively.

### ***Response to Arguments***

6. Applicant's arguments filed on August 23, 2004 with respect to claims 1-21 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 703-305-8114. The examiner can normally be reached on 8:30AM-5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 703-305-3830. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Neveen Abel-Jalil  
December 6, 2004

  
**CHARLES RONES**  
**PRIMARY EXAMINER**